Subst			1449A/PTO (Modified)   P   C	Attorney Docket No.: 04259.P044	Application Number: 09/954,915		
			MAR 0 5 2002 55	First Named Inventor: Mark Peting Filing Date: September 17, 2001	MAR 0 8 2002		
			OTHER ART - NO PATENT	LITERATURE DOCUMENTS	Technology Center 260		
Examiner Cite Initials* No'				al, symposium, catalog, etc.), date, page city and/or country where published	ropriate), title Translation <sup>2</sup> e(s), volume-		
K'	r ·		JAMES TSUI, Frequency Channelization Second Edition, Pages 363 – 396, 2001 A				
			ZHENGDAO WANG and GEORGIOS Communications where Fourier Meete Minnesota, Minneapolis MN., Pages 1-2	Shannon, Department of ECE, Ur 21, May 2000	niversity of		
			E. VERRIEST, ISEN, Implementing an Sonar Receiver Performance Using the 1996, Texas Instruments, Pages 1-24.	Adaptive Noise Canceling System	to Enhance eptember		
			G.A. SHAW, R.A. FORD, J.C. ANDERS RASSP Benchmark 2 Technical Descri Lincoln Library, 153 pages total, 10 f	ption, Massachusetts Institute Of T	Technology		
			"www.inventra.com/inventra/s MENTOR GRAPHICS, Hardware Desi	gn of Decimators/Interpolators, Pa	ges 1-38,2006		
	·		"www.mentor.com/inventra/so MENTOR GRAPHICS, Introduction to	AD/DA Converters, Pages 1-27. 2	00.6		
			http://www.mentor.com/inventra/sor GRAPHICS, Design of the Decimation & I				
	RT .		http://www.mentor.com/inventra/sor GRAPHICS, Sigma Delta Converter Applic		/, MENTOR		
			•				
			·				

Examiner	/Khai Tran/	Date	11/08/2006
Signature		Considered	11,00,2000

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>&</sup>lt;sup>4</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449/PTO					Complete If Known			
					Application Number	09/954,915		
				LOSURE	Filing Date	September 17, 280	H	
SPAT	EME	NT BY	Y API	PLICANT	First Named Inventor:	Mark Peting	ECEIVE	
/	(use es) n	nany sheets	s as neces	isary)	Art Unit	2661	AUC 1 7 2001	
AUG 1 6	2004				Examiner Name	Not Yet Assigned	AUG 1 7 2004	
Skeet 2 St of 2					Attorney Docket Number	004259.P04 <b>Tech</b>	nology Center 26	
A. Carlotte					LITERATURE DOCUMENT			
Examiner Cite No1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number(s), publisher, city and/or country where published				Issue		
KT		BREE, ET AL., "A Bit-Serial Architecture For A VLSI Viterbi Processor", Communications Systems Research Group, University of Saskatchewan, Saskatoon, IEEE, WESCANEX '88, 1988, pages 72-77.					stems ges 72-77.	
, .		BIVER, ET AL., "Architectural Design and Realization Of A Single-Chip Viterbi Decoder", Elsevier Science Publishers B.V.,INTEGRATION, The VLSI Journal 8 (1989), October, No. 1, Amsterdam, NL, Pages 3-16.						
		BREE, ET AL., "A Modular Bit-Serial Architecture For Large Constraint-Length Viterbi Decoding", Communications Systems Research Group, University of Saskatchewan, Saskatoon, Canada, IEEE International Conference on Communications", 1990, pages 1501-1506.						
	CHOI, ET AL., "Viterbi Detector Architecture For High-Speed Optical Storage", 1997, IEEE TENCON - Speech and Image Technologies for Computing and Telecommunications, ASIC Center Corporate Technical Operations SAMSUNG Electronics, Vol. 1, Dec 1997, pages 89-92.							
	W.H. YIM and F.P. COAKLEY, "On-Board Processing For KA-Band Applications", University of Surrey, UK, Publication Date, February 11, 1993., XP 000458011, pp. 225-229.							
KT HASH Manag			HASHIDA MITSUYOSHI, "Hierachical Network Management System and Control Method for Network Management Information," Patent Abstracts of Japan, Publication No. 07226777, 2006				r Network	
	<del></del>	<del></del>						
Eugeniage			-			Date		

Signature \*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

11/08/2006

Considered

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. If you need assistance in completing the form, call 1-800-PTO-8199 (1-800-788-9199) and select option 2.

/Khai Tran/

Examiner